IN THE CLAIMS:

Please amend Claims 7 and 13, and add new Claims 14 and 15 as follows. The claims, as pending in the subject application, read as follows:

1. (Original) A coordinate input apparatus which detects three-dimensional position coordinates of an indicating tool, comprising:

detection means for detecting a three-dimensional coordinate value of the indicating tool which is defined in first, second, and third dimensions;

comparing means for comparing a coordinate value in the first dimension of the three-dimensional coordinate value with a predetermined value; and

control means for controlling outputting of coordinate values in the second and third dimensions on the basis of the comparison result obtained by said comparing means.

2. (Original) The apparatus according to claim 1, wherein said control means outputs the coordinate values in the second and third dimensions on the basis of the comparison result obtained by said comparing means.

3. (Original) The apparatus according to claim 1, wherein if the coordinate value in the first dimension is not more than a predetermined value, said control means outputs the coordinate values in the second and third dimensions.

4. (Original) The apparatus according to claim 1, wherein said control means comprises storage means for storing a first three-dimensional coordinate value detected at a first time point in an any period on the basis of the comparison result obtained

by said comparing means, and controls outputting of a difference between a second three-dimensional coordinate value detected after the first time point and the first three-dimensional coordinate value.

5. (Original) The apparatus according to claim 1, wherein said control means comprises storage means for storing a first three-dimensional coordinate value detected at a first time point in an any period when the coordinate value in the first dimension is not less than a predetermined value, and controls outputting of a difference between a second three-dimensional coordinate value detected after the first time point and the first three-dimensional coordinate value.

6. (Original) The apparatus according to claim 1, wherein said control means further outputs the comparison result obtained by said comparing means.

7. (Currently Amended) A control method for a coordinate input apparatus which detects three-dimensional position coordinates of an indicating tool, comprising:

[[the]] a detection step of detecting a three-dimensional coordinate value of the indicating tool which is defined in first, second, and third dimensions;

[[the]] a comparing step of comparing a coordinate value in the first dimension of the three-dimensional coordinate value with a predetermined value; and

[[the]] a control step of controlling outputting of coordinate values in the second and third dimensions on the basis of the comparison result obtained in the comparing step.

8. (Original) The method according to claim 7, wherein in the control step, the coordinate values in the second and third dimensions are output on the basis of the comparison result obtained in the comparing step.

9. (Original) The method according to claim 7, wherein in the control step, if the coordinate value in the first dimension is not more than a predetermined value, the coordinate values in the second and third dimensions are output.

10. (Original) The method according to claim 7, wherein the control step comprises the storage step of storing a first three-dimensional coordinate value detected at a first time point in an any period on the basis of the comparison result obtained in the comparing step, and outputting of a difference between a second three-dimensional coordinate value detected after the first time point and the first three-dimensional coordinate value is controlled.

11. (Original) The method according to claim 7, wherein the control step comprises the storage step of storing a first three-dimensional coordinate value detected at a first time point in an any period when the coordinate value in the first dimension is not less than a predetermined value, and outputting of a difference between a second three-dimensional coordinate value detected after the first time point and the first three-dimensional coordinate value is controlled.

12. (Original) The method according to claim 7, wherein in the control step, the comparison result obtained in the comparing step is further output.

13. (Currently Amended) A computer-readable memory storing a program code for controlling a coordinate input apparatus which detects three-dimensional position coordinates of an indicating tool, wherein the program code comprises:

a program code for [[the]] a detection step of detecting a three-dimensional coordinate value of the indicating tool which is defined in first, second, and third dimensions;

a program code for [[the]] a comparing step of comparing a coordinate value in the first dimension of the three-dimensional coordinate value with a predetermined value; and

a program code for [[the]] a control step of controlling outputting of coordinate values in the second and third dimensions on the basis of the comparison result obtained in the comparing step.

14. (New) The apparatus according to claim 1, further comprising display means, and wherein said first dimension is a vertical direction for a display screen of said display means.

15. (New) The method according to claim 7, wherein said coordinate input apparatus further comprises a display means, and wherein said first dimension is a vertical direction for a display screen of said display means.